



1

<110> Shionogi & Takeda Co., Ltd.

<120> Immunoassay for BNP

<130> 2000-0259A/JJF/WMC/00177

<140> 09/508, 435

<141> 2000-03-13

<150> JP 246684/1997

<151> 1997-09-11

<160> 2

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<210> 1

<211> 402

<212> DNA

<213> human

<400> 1

atg gat ccc cag aca gca cct tcc cg^c g^c ctc ctg ctc ctg ctc ttc 48
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1 5 10 15

1	5	10	15	
ttg cat ctg gct ttc ctg gga ggt cgt	tcc cac ccg ctg ggc agc ccc			96
Leu His Leu Ala Phe Leu Gly Gly Arg	Ser His Pro Leu Gly Ser Pro			
20	25	30		

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ggg tca gcc tcg gac ttg gaa acg tcc ggg tta cag gag cag cgc aac 144
Gly Ser Ala Ser Asp Leu Glu Thr Ser Gly Leu Gln Glu Gln Arg Asn
          35           40           45

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cat ttg cag ggc aaa ctg tcg gag ctg cag gtg gac cag aca tcc ctg 192
 His Leu Gln Gly Lys Leu Ser Glu Leu Gln Val Glu Gln Thr Ser Leu
 50 55 60

gag ccc ctc cag gag agc ccc cgt ccc aca ggt gtc tgg aag tcc cg	240
Glu Pro Leu Gln Glu Ser Pro Arg Pro Thr Gly Val Trp Lys Ser Arg	
65 70 75 80	

gag gta gcc acc gag ggc atc cgt ggg cac cgc aaa atg gtc ctc tac 288
Glu Val Ala Thr Glu Gly Ile Arg Gly His Arg Lys Met Val Leu Tyr
85 90 95

85	90	95	
acc ctg cg ^g gca cca cga agc ccc aag atg gtg caa ggg tct ggc tgc			336
Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly Cys			

	100	105	110	
ttt ggg agg aag atg gac cg	atc agc tcc tcc agt gcc ctg ggc tgc			384
Phe Gly Arg Lys Met Asp Arg	Ile Ser Ser Ser Gly Leu Gly Cys			
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115	120	125	
aaa gtg ctg agg cgg cat			402
Lys Val Leu Arg Arg His			
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<211> 1

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<212> FRI
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213 Human

<400> 2

Met Asp Pro Gin Thr Ala Pro Ser Arg Ala Leu Leu Leu Leu Leu Phe

1 5 10 15
Leu His Leu Ala Phe Leu Gly Gly Arg Ser His Pro Leu Gly Ser Pro
20 25 30
Gly Ser Ala Ser Asp Leu Glu Thr Ser Gly Leu Gln Glu Gln Arg Asn
35 40 45
His Leu Gln Gly Lys Leu Ser Glu Leu Gln Val Glu Gln Thr Ser Leu
50 55 60
Glu Pro Leu Gln Glu Ser Pro Arg Pro Thr Gly Val Trp Lys Ser Arg
65 70 75 80
Glu Val Ala Thr Glu Gly Ile Arg Gly His Arg Lys Met Val Leu Tyr
85 90 95
Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly Cys
100 105 110
Phe Gly Arg Lys Met Asp Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys
115 120 125
Lys Val Leu Arg Arg His
130

[0023]

SEQUENCE LISTING

[0024]

SEQ ID NO: 1

SEQUENCE LENGTH: 134

SEQUENCE TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

ORIGINAL SOURCE:

ORGANISM: human

SEQUENCE:

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Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly Cys

100

105

110

TTT GGG AGG AAG ATG GAC CGG ATC AGC TCC TCC AGT GCC CTG GGC TGC 388

Phe Gly Arg Lys Met Asp Arg Ile Ser Ser Ser Gly Leu Gly Cys

115

120

125

AAA GTG CTG AGG CGG CAT

436

Lys Val Leu Arg Arg His

130

134